

CLAIMS

1. Device for controlling the contact pressure of contact rolls, especially backup rolls (SW) resting on work rolls, whose neck (WZ), which is supported in roller bearings or journal bearings in a bearing support housing or the bearing chock of the rolls of a roll stand, has a neck extension (ZA), which is supported in a support bearing, whose bearing housing (LG) is connected externally to the bearing support housing of the contact rolls or to the bearing chock (LS) of the backup rolls, characterized by an intermediate housing (ZG), which is inserted into the bearing housing (LG) and cylindrically encloses the axial support bearing, and which, when actuated by a piston-cylinder unit (RB, SK), can be adjustably displaced in the bearing housing in the radial direction relative to the axis of the neck extension ZA.

2. Device according to Claim 1, characterized in that the piston-cylinder unit (RB, SK) consists of an internal cylindrical recess (RB), which extends radially relative to the

axis in the wall of the bearing housing (LG) enclosing the intermediate housing (ZG), and of a floating piston (SK), which can be displaced in this cylindrical recess (RB) and actuated by a hydraulic medium.

3. Device according to Claim 1 and/or Claim 2, in which the neck of the backup roll is supported in a journal bearing in the bearing chock, characterized in that the journal bearing is designed as a hydraulic oil film bearing (Morgoil[®] bearing).